

In the Claims:

1. (Currently Amended) Method for controlling the forwarding quality in a data ~~network~~ network, the method comprising: ~~comprising a measurement manager (104) comprising means for~~

~~-performing, by a measurement manager, end-to-end measurements between nodes in said data network~~ the end-to-end measurements providing timing information of traffic flowing between the nodes in said data network; ~~and a Network Resource Manager, (NRM) (102) comprising means for~~

~~-obtaining, by a Network Resource Manager (NRM), information of [[the]] network topology; topology, the method is characterized in that it comprises the steps of:~~

~~-transferring (501)~~ -transferring the obtained information of the network ~~routing~~ topology from the NRM to the measurement manager or transferring a result of the performed end-to-end measurements from ~~[[a]] the~~ measurement manager to the ~~NRM, and NRM;~~

~~-combining (502)~~ -combining said end-to-end measurements and said obtained information of the network ~~routing~~ topology into a first information set; and

~~in order to detect~~ -detecting correlated and uncorrelated paths using the first information set.

2. (Currently Amended) Method according to claim 1, comprising the further step of:

~~-combining~~ -combining said first information set with information on data flow presence at individual out-interfaces.

3. (Currently Amended) Method according to claim 1, comprising the further step of:

-scheduling the transfer of the obtained information of the network ~~routing~~ topology over

time or initiating the transfer of the obtained information of the network ~~routing~~ topology periodically.

4. (Previously Presented) Method according to claim 1, comprising the further step of:
-scheduling the transfer of the result of the performed end-to-end measurements over time or initiating the transfer of the result of the performed end-to-end measurements periodically.

5. (Currently Amended) Method according to claim 1, comprising the further step of:
-requesting the transfer of the obtained information of the network ~~routing~~ topology explicitly by a master manager ~~such as a measurement manager~~.

6. (Currently Amended) Method according to claim 1, comprising the further step of:
-requesting the transfer of the result of the performed end-to-end measurements explicitly by a master manager ~~such as an NRM~~.

7. (Currently Amended) Method according to claim 1, comprising the further step of:
-triggering the transfer of the obtained information of the network ~~routing~~ topology by specific events in a slave manager ~~such as the NRM defined by a master manager such as the measurement manager~~.

8. (Currently Amended) Method according to claim 1, comprising the further step of:
-triggering the transfer of the result of the performed end-to-end measurements by specific events in a slave manager ~~such as the measurement manager defined by a master manager such as the NRM~~.

9. (Currently Amended) A computer program product ~~directly loadable into the internal memory of a computer within one or more nodes in a data network, comprising the software code portions~~ for performing the steps of claim 1, the computer program product having a compute-readable storage medium with a computer program embodied thereon.
10. (Canceled)
11. (Currently Amended) Method according to claim 2, comprising the further step of:
-scheduling the transfer of the obtained information of the network ~~routing~~ topology over time or initiating the transfer of the obtained information of the network ~~routing~~ topology periodically.
12. (Previously Presented) Method according to claim 2, comprising the further step of:
-scheduling the transfer of the result of the performed end-to-end measurements over time or initiating the transfer of the result of the performed end-to-end measurements periodically.
13. (Currently Amended) Method according to claim 2, comprising the further step of:
-requesting the transfer of the obtained information of the network ~~routing~~ topology explicitly by a master manager ~~such as a measurement manager~~.
14. (Currently Amended) Method according to claim 2, comprising the further step of:
-requesting the transfer of the result of the performed end-to-end measurements explicitly by a master manager ~~such as an NRM~~.

15. (Currently Amended) Method according to claim 2, comprising the further step of:
- triggering the transfer of the obtained information of the network ~~routing~~ topology by specific events in a slave manager ~~such as the NRM defined by a master manager such as the measurement manager.~~
16. (Currently Amended) Method according to claim 2, comprising the further step of:
- triggering the transfer of the result of the performed end-to-end measurements by specific events in a slave manager ~~such as the measurement manager defined by a master manager such as the NRM.~~